

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E40444

Employer : The Boeing Company

Worksite : The Boeing Company - Everett

Street : 3003 W Casino Rd

Jurisdiction : City of Everett

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 51%

Survey Date : 5/1/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 21.8%

Drive Alone Rate : 78.2%

One-Way VMT per employee : 16.0

Average One-Way distance home to work : 19.7

Employees and Survey Response Information

Reported Total Employees at Worksite: 26,181

Surveys Distributed : 2,047

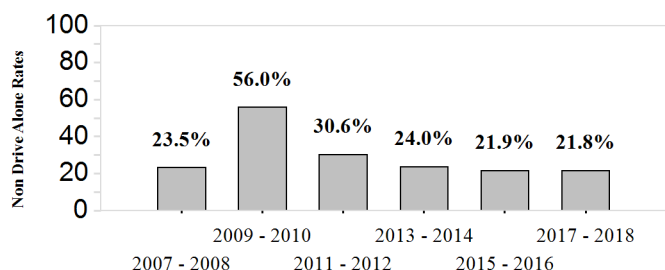
Surveys Returned : 1,041

Surveys Returned by CTR Affected* Employees : 773

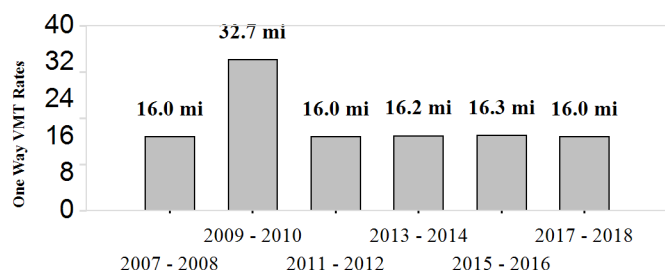
Total Estimated CTR Affected Employees at Worksite : 1,520

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees

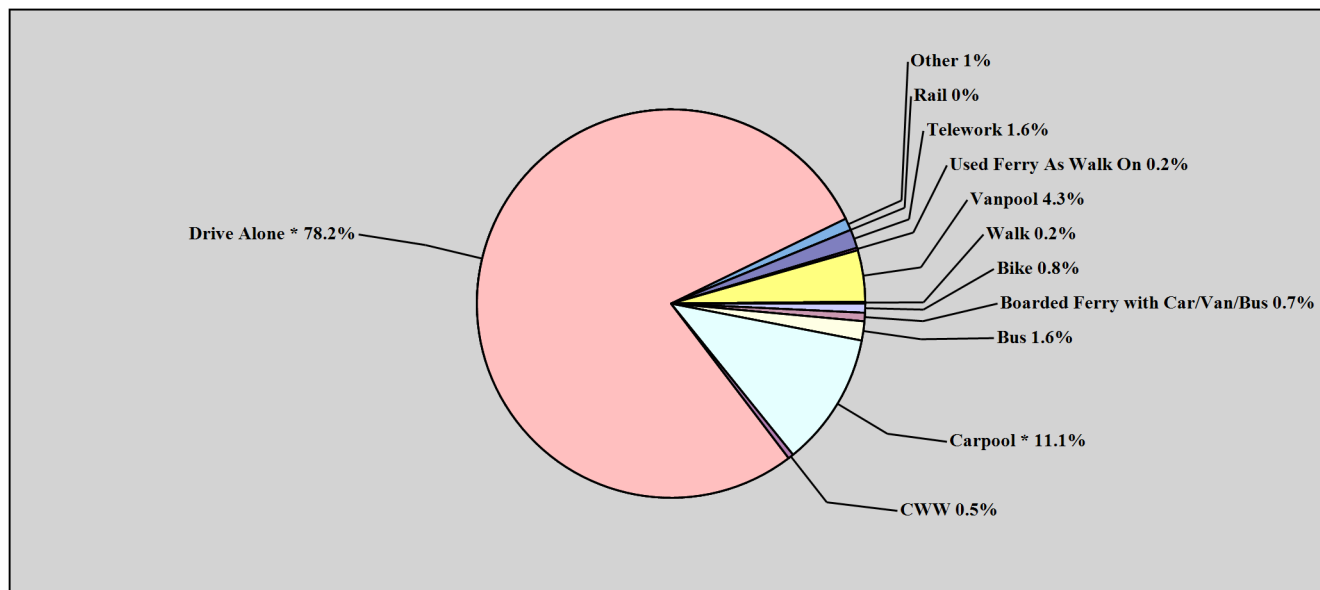


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Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



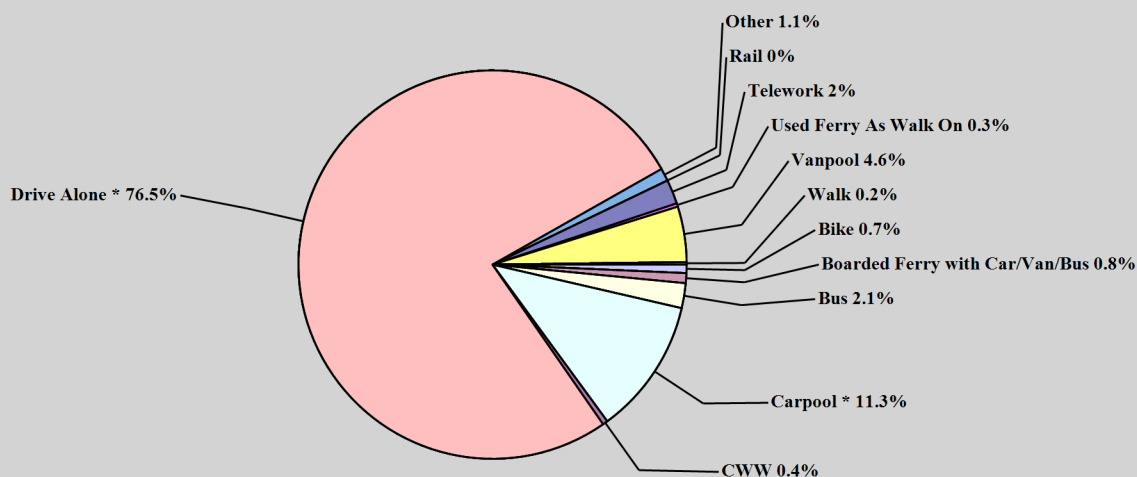
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	4,124	78.2%	78.1%	882	84.7%	86.1%
Carpool *	588	11.1%	10.1%	142	13.6%	12.9%
Vanpool	226	4.3%	4.6%	56	5.4%	5.5%
Bus	84	1.6%	3.1%	22	2.1%	4.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	40	0.8%	0.4%	12	1.2%	0.8%
Walk	8	0.2%	0.3%	4	0.4%	0.4%
Telework	82	1.6%	1.3%	61	5.9%	4.6%
CWW	24	0.5%	0.1%	19	1.8%	0.8%
Boarded Ferry with Car/Van/Bus	37	0.7%	0.5%	9	0.9%	0.8%
Used Ferry As Walk On	11	0.2%	0.5%	3	0.3%	0.5%
Other	53	1.0%	1.0%	16	1.5%	1.9%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,948	76.5%	75.3%	648	83.8%	84.1%
Carpool *	437	11.3%	10.0%	105	13.6%	12.9%
Vanpool	178	4.6%	5.2%	45	5.8%	6.1%
Bus	80	2.1%	4.6%	20	2.6%	5.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	27	0.7%	0.4%	9	1.2%	0.9%
Walk	8	0.2%	0.4%	4	0.5%	0.5%
Telework	78	2.0%	2.0%	57	7.4%	6.5%
CWW	16	0.4%	0.1%	14	1.8%	0.4%
Boarded Ferry with Car/Van/Bus	32	0.8%	0.2%	8	1.0%	0.5%
Used Ferry As Walk On	11	0.3%	0.6%	3	0.4%	0.7%
Other	41	1.1%	1.2%	13	1.7%	2.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	723	69%	1,041	100%
1 Days	66	6%	318	31%
2 Days	34	3%	252	24%
3 Days	31	3%	218	21%
4 Days	40	4%	187	18%
5 Days	127	12%	147	14%
6 or More Days	20	2%	20	2%

Count by Occupancy of Carpools and Vanpools

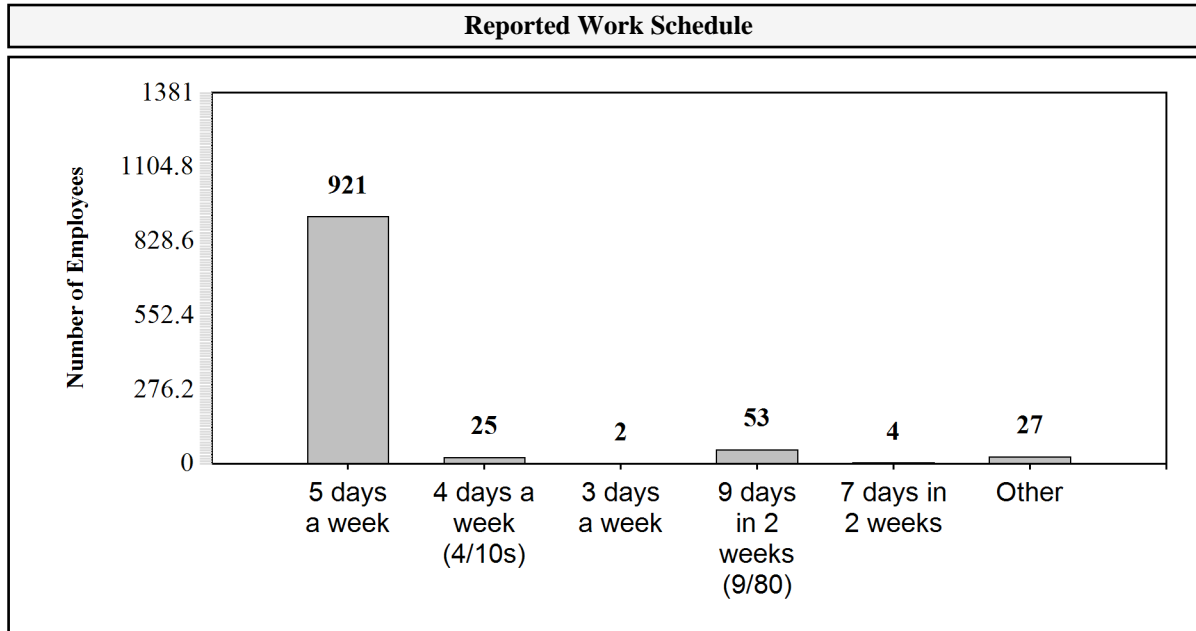
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	561
3	Carpool	16
4	Carpool	0
5	Carpool	5
>5	Carpool	6
<5	Vanpool	53
5	Vanpool	31
6	Vanpool	57
7	Vanpool	26
8	Vanpool	43
9	Vanpool	7
10	Vanpool	9
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

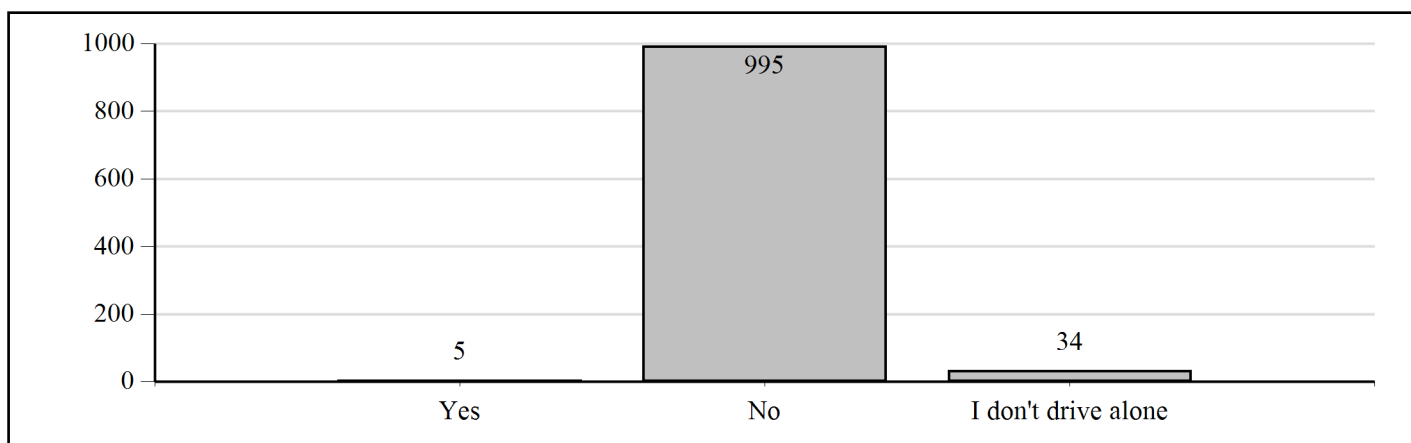
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	921	89.2%
4 days a week (4/10s)	25	2.4%
3 days a week	2	0.2%
9 days in 2 weeks (9/80)	53	5.1%
7 days in 2 weeks	4	0.4%
Other	27	2.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	7	0.7%
I don't telework	658	63.2%
Occasionally, on an as-needed basis	284	27.3%
1-2 days/month	28	2.7%
1 day/week	47	4.5%
2 days/week	14	1.3%
3 days/week	3	0.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	301	15.3%
Other	227	11.6%
To save time using the HOV lane	207	10.6%
I have the option of teleworking	181	9.2%
Financial incentives for carpooling, bicycling or walking.	173	8.8%
Environmental and community benefits	166	8.5%
Personal health or well-being	154	7.8%
Preferred/reserved carpool/vanpool parking is provided	153	7.8%
Free or subsidized bus, train, vanpool pass or fare benefit	125	6.4%
Cost of parking or lack of parking	125	6.4%
Driving myself is not an option	84	4.3%
Emergency ride home is provided	55	2.8%
I receive a financial incentive for giving up my parking space	11	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	649	25.6%
Riding the bus or train is inconvenient or takes too long	622	24.5%
Family care or similar obligations	386	15.2%
Other	286	11.3%
My commute distance is too short	267	10.5%
Bicycling or walking isn't safe	153	6.0%
My job requires me to use my car for work	89	3.5%
I need more information on alternative modes	62	2.4%
There isn't any secure or covered bicycle parking	20	0.8%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98208	85	8.17%	382	27	6	8	0	0	10	0	5	0	0	0	0
98258	83	7.97%	332	70	12	1	8	0	0	0	3	4	0	0	7
98223	61	5.86%	260	41	15	6	0	0	0	0	1	0	0	0	0
98012	58	5.57%	226	32	0	1	0	0	1	1	11	3	0	0	1
98270	52	5.00%	214	35	11	0	0	0	0	0	0	2	0	0	0
98203	50	4.80%	218	21	2	3	0	0	4	0	4	0	0	0	5
98290	41	3.94%	164	18	0	7	7	0	1	0	2	4	0	0	1
98275	37	3.55%	167	5	0	4	0	0	10	0	0	0	0	0	0
98271	36	3.46%	138	21	10	0	10	0	0	0	2	0	0	0	4
98296	30	2.88%	124	23	0	0	0	0	0	0	2	1	0	0	0
98204	28	2.69%	105	24	0	0	0	0	7	5	0	0	0	0	7
98292	27	2.59%	115	18	0	0	5	0	0	0	3	0	0	0	0
98034	26	2.50%	99	21	0	0	9	0	0	0	3	0	0	0	0
98087	24	2.31%	82	20	6	0	5	0	0	0	1	2	0	0	5
98026	19	1.83%	76	17	4	0	0	0	0	0	1	0	0	0	2
98201	18	1.73%	64	8	0	8	6	0	4	0	1	0	0	0	0
98021	17	1.63%	74	9	0	0	1	0	0	0	1	0	0	0	0
98036	17	1.63%	69	5	5	4	0	0	0	1	1	0	0	0	0
98037	15	1.44%	76	7	0	0	0	0	0	0	0	0	0	0	0
98115	15	1.44%	57	3	9	0	0	0	0	0	0	1	0	0	0
98133	15	1.44%	56	14	0	0	0	0	0	0	3	0	0	0	0
98103	14	1.34%	48	10	2	0	0	0	0	0	2	0	0	0	2
98072	12	1.15%	44	10	0	5	0	0	0	0	0	0	0	0	0
98252	11	1.06%	61	0	0	0	0	0	0	0	0	0	0	0	0
98011	10	0.96%	33	4	9	0	0	0	0	0	1	1	0	0	0
98117	10	0.96%	28	2	7	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98273	10	0.96%	29	5	18	0	0	0	0	0	1	0	0	0	0
98282	10	0.96%	35	21	0	0	0	0	0	0	0	0	0	0	0
98274	9	0.86%	40	5	3	0	0	0	0	0	1	0	0	0	0
	8	0.77%	27	8	0	0	0	0	0	0	2	0	0	0	0
98033	7	0.67%	20	0	2	0	10	0	0	0	2	0	0	0	0
98125	7	0.67%	19	5	7	1	0	0	0	0	1	0	0	0	0
98155	7	0.67%	34	0	1	0	0	0	0	0	1	0	0	0	0
98020	6	0.58%	21	3	5	0	0	0	0	0	0	1	0	0	0
98043	6	0.58%	32	0	0	2	0	0	0	0	0	0	0	0	0
98077	6	0.58%	28	0	0	0	0	0	0	0	0	0	0	0	0
98107	6	0.58%	31	0	0	0	0	0	0	0	0	0	0	0	0
98272	6	0.58%	20	5	3	0	0	0	0	0	0	0	0	0	0
98028	5	0.48%	25	0	0	0	0	0	0	0	0	0	0	0	0
98059	5	0.48%	17	0	4	0	3	0	0	0	2	1	0	0	0
98109	5	0.48%	20	0	4	0	0	0	0	0	0	0	0	0	0
98236	5	0.48%	3	0	0	4	0	0	0	0	0	0	12	3	6
98249	5	0.48%	0	5	0	3	0	0	0	0	1	0	16	5	0
98294	5	0.48%	23	5	0	0	0	0	0	0	1	0	0	0	0
98052	4	0.38%	18	0	2	0	0	0	0	0	0	0	0	0	0
98102	4	0.38%	7	0	9	3	0	0	0	0	0	0	0	0	0
98105	4	0.38%	16	4	0	0	0	0	0	0	0	0	0	0	0
98284	4	0.38%	5	10	5	0	0	0	0	0	0	0	0	0	0
98005	3	0.29%	15	0	0	0	0	0	0	0	0	0	0	0	0
98006	3	0.29%	11	0	0	0	0	0	0	0	2	0	0	0	0
98122	3	0.29%	14	0	0	0	0	0	0	0	0	0	0	0	0
98177	3	0.29%	15	0	0	0	0	0	0	0	0	0	0	0	0
98233	3	0.29%	11	0	5	0	0	0	0	0	0	0	0	0	0
98260	3	0.29%	0	0	3	0	0	0	0	0	1	0	6	3	0
98004	2	0.19%	9	0	0	0	0	0	0	0	0	1	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98019	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.19%	9	0	0	0	0	0	0	0	1	0	0	0	0
98031	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98056	2	0.19%	4	0	3	0	0	0	0	0	2	1	0	0	0
98058	2	0.19%	1	1	4	0	0	0	0	0	4	0	0	0	0
98074	2	0.19%	3	0	0	0	5	0	0	0	0	0	0	0	0
98075	2	0.19%	5	0	0	0	0	0	0	0	5	0	0	0	0
98112	2	0.19%	5	0	0	1	0	0	0	0	0	0	0	0	0
98116	2	0.19%	10	0	0	0	0	0	0	0	0	0	0	0	0
98118	2	0.19%	5	6	0	0	0	0	0	0	0	0	0	0	0
98119	2	0.19%	5	0	0	0	5	0	0	0	0	0	0	0	0
98168	2	0.19%	3	5	0	0	0	0	0	0	2	0	0	0	0
98188	2	0.19%	4	0	4	0	0	0	0	0	1	0	0	0	0
98199	2	0.19%	5	0	5	0	0	0	0	0	0	0	0	0	0
98221	2	0.19%	1	0	8	0	0	0	0	0	0	1	0	0	0
98232	2	0.19%	12	0	0	0	0	0	0	0	0	0	0	0	0
00000	1	0.10%	4	0	0	0	0	0	0	1	0	0	0	0	0
19013	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
83847	1	0.10%	2	0	0	0	0	0	0	0	0	0	0	0	0
89275	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.10%	7	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.10%	7	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.10%	3	0	0	0	0	0	0	0	2	0	0	0	0
98040	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.10%	0	4	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.10%	2	0	5	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98071	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	5
98082	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98121	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98126	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
98164	1	0.10%	0	0	0	0	5	0	0	0	0	0	0	0	0
98166	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98202	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98217	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98225	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98229	1	0.10%	0	0	4	0	0	0	0	0	0	0	0	0	0
98230	1	0.10%	4	0	0	0	0	0	0	0	1	0	0	0	0
98239	1	0.10%	0	0	0	0	0	0	0	0	0	0	3	0	2
98241	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98248	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98251	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98277	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98291	1	0.10%	0	0	0	0	5	0	0	0	0	0	0	0	0
98354	1	0.10%	0	0	5	0	0	0	0	0	0	0	0	0	0
98359	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98368	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	5
98373	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98374	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98383	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98391	1	0.10%	3	0	0	0	0	0	0	0	1	0	0	0	0
98405	1	0.10%	2	0	0	0	0	0	3	0	0	0	0	0	0
98406	1	0.10%	0	0	4	0	0	0	0	0	0	0	0	0	0



Weekly Count of Trips By Mode															
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98926	1	0.10%	3	0	0	0	0	0	0	0	0	0	0	0	1
99026	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0